Form 1449*

Atty. Docket No.: 723.018US1

Serial No. 09/9

Sheet 1 of 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date: August 17, 2001 (Use several sheets if necessary)

Applicant: Kari Parmer et al.

Tatital Portunet Number Date Name Class Subclass (174) Propryiste Tatital Portunet Number (174) Propryiste Tatital Portunet Number (174) Propryiste Tatital (174) Propryist			•	U.S. PATENT DOCUMENTS			(h) > -
1,129,333 02/23/1915 Clarke, R.H. 06/27/14 3,135,263 06/02/1964 Connelley, Jr., T.J. 128 303 10/05/60 3,223,087 12/14/1965 Vladyka, V., et al. 128 303.13 06/18/60 3,402,710 09/24/1968 Paleschuck, M. 128 1 06/27/66 3,444,861 05/20/1969 Schulte, R.R. 128 350 03/15/66 3,508,552 04/28/1970 Hainault, M. 128 303 10/23/66 3,508,552 04/28/1970 Hainault, M. 128 303 10/23/66 3,508,552 04/28/1973 Andrew, D.E. 128 351 01/20/71 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,228,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,463,758 08/07/1986 Brown, R.A. 128 303 B 09/18/81 4,608,977 09/02/1986 Brown, R.A. 128 303 B 09/18/81 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/88 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/88 4,618,978 01/27/1987 Shelden, C.H., et al. 128 303 B 09/18/81 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/18/81 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Grard, M.P. 128 303 B 09/10/80 4,905,634 02/21/1989 Ullrich, G.J., et al. 128 303 B 09/10/80 4,905,634 02/21/1989 Winter, A. 604 175 05/04/87 4,995,891 09/11/1990 Carol, M.P. 128 303 B 03/19/87 4,995,893 03/12/1991 Ghajar, J.B., et al. 606 130 09/20/90 5,027,818 07/02/1991 Roya, F.J., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 653.1 09/23/86 5,006,62 01/14/1992 Paul, K.S. 606 130 11/29/90 5,057,084 07/1992 Carol, M.P. 128 653.1 01/29/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,164,497 10/08/1991 Kapp, J.P., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,164,497 10/08/1991 Schlondorff, G., et al. 128 653.1 01/29/90 5,164,497 02/1991 Schlondorff, G., et al. 128 653.1 01/29/90 5,166,688 05/04/1993 Schlondorff, G., et al	**Examiner Initial	Document Number	Date	Name	Class	Subclass	7f Appropriate
3,135,263 06/02/1964 Connelley, Jr., T.J. 128 303 10/05/60 3,223,087 12/14/1965 Vladyka, V., et al. 128 303.13 06/18/60 3,402,710 09/24/1968 Paleschuck, M. 128 1 06/27/66 3,404,861 05/20/1969 Schulte, R.R. 128 350 03/15/66 3,508,552 04/28/1970 Hainault, M. 128 303 10/23/65 3,760,811 09/25/1973 Andrew, D.E. 128 351 01/20/71 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,463,758 08/07/1986 Brown, R.A. 128 303 B 09/18/81 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,706,665 11/17/1987 Shelden, C.H., et al. 128 303 B 09/28/84 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/28/84 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/28/84 4,805,615 02/21/1989 Palestrant, A.M. 128 303 B 09/10/80 4,805,634 02/21/1989 Wilrich, G.J., et al. 128 303 B 09/10/80 4,805,634 02/21/1989 Wilrich, G.J., et al. 128 303 B 09/10/80 4,991,579 02/12/1989 Winter, A. 604 175 05/04/87 4,998,938 03/12/1991 Watanabe, E., et al. 128 653 R 11/10/87 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 10/22/87 5,054,497 10/08/1991 Watanabe, E., et al. 128 653 1 09/23/86 5,086,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,154,723 10/13/1992 Kwoh, Y.S. 128 653 1 04/27/90 5,154,723 07/12/1993 Schlondorff, G., et al. 128 653 1 04/27/90 5,166,174 02/16/1993 Schlondorff, G., et al. 128 653 1 10/19/90 5,207,688 50/04/1993 Schlondorff, G., et al. 128 653 1 10/19/90 5,207,688 50/04/1993 Schlondorff, G., et al. 128 653 1 10/19/90		/					6
3,135,263 06/02/1964 Connelley, Jr., T.J. 128 303 10/05/60 3,223,087 12/14/1965 Vladyka, V., et al. 128 303.13 06/18/60 3,402,710 09/24/1968 Paleschuck, M. 128 1 06/27/66 3,404,861 05/20/1969 Schulte, R.R. 128 350 03/15/66 3,508,552 04/28/1970 Hainault, M. 128 303 10/23/65 3,760,811 09/25/1973 Andrew, D.E. 128 351 01/20/71 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,463,758 08/07/1986 Brown, R.A. 128 303 B 09/18/81 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,706,665 11/17/1987 Shelden, C.H., et al. 128 303 B 09/28/84 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/28/84 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/28/84 4,805,615 02/21/1989 Palestrant, A.M. 128 303 B 09/10/80 4,805,634 02/21/1989 Wilrich, G.J., et al. 128 303 B 09/10/80 4,805,634 02/21/1989 Wilrich, G.J., et al. 128 303 B 09/10/80 4,991,579 02/12/1989 Winter, A. 604 175 05/04/87 4,998,938 03/12/1991 Watanabe, E., et al. 128 653 R 11/10/87 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 10/22/87 5,054,497 10/08/1991 Watanabe, E., et al. 128 653 1 09/23/86 5,086,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,154,723 10/13/1992 Kwoh, Y.S. 128 653 1 04/27/90 5,154,723 07/12/1993 Schlondorff, G., et al. 128 653 1 04/27/90 5,166,174 02/16/1993 Schlondorff, G., et al. 128 653 1 10/19/90 5,207,688 50/04/1993 Schlondorff, G., et al. 128 653 1 10/19/90 5,207,688 50/04/1993 Schlondorff, G., et al. 128 653 1 10/19/90	Lu 1	/					
3,223,087 12/14/1965 Vladyka, V., et al. 128 303.13 06/18/60 3,402,710 09/24/1968 Paleschuck, M. 128 1 06/27/66 3,444,861 05/20/1969 Schulte, R.R. 128 350 03/15/66 3,508,552 04/28/1970 Hainault, M. 128 351 01/23/65 3,760,811 09/25/1973 Andrew, D.E. 128 351 01/20/71 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,346,3758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 09/18/81 4,618,978 10/21/1986 Brown, R.A. 128 303 B 12/20/82 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/28/84 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,805,615 02/21/1989 Carol, M.P. 128 303 B 09/10/80 4,805,615 02/21/1989 Perrara, V.L. 128 303 B 03/10/82 4,805,615 02/21/1989 Vllrich, G.J., et al. 128 748 06/08/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,007,818 07/02/1991 Kapp, J.P., et al. 128 653.1 09/23/89 5,006,622 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,007,818 07/02/1991 Rhen, G.S. 128 653.1 09/23/89 5,006,620 01/17/1992 Kwoh, Y.S. 128 653.1 09/23/89 5,006,620 01/17/1992 Kwoh, Y.S. 128 653.1 09/23/89 5,006,620 01/17/1992 Carol, M.P. 128 653.1 09/23/89 5,006,620 01/17/1992 Carol, M.P. 128 653.1 09/23/89 5,007,028 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,164,723 10/13/1993 Carol, M.P. 128 653.1 01/29/90 5,164,723 10/13/1992 Carol, M.P. 128 653.1 01/29/90 5,164,723 10/13/1993 Carol, M.P. 128 653.1 01/29/90 5,164,723 10/13/1993 Carol, M.P. 128 653.1 01/29/90 5,107,688 05/04/1993 Carol, M.P. 128 653.1 01/29/90	/ JULY						
3,402,710 09/24/1968 Paleschuck, M. 128 1 06/27/66 3,444,861 05/20/1969 Schulte, R.R. 128 350 03/15/66 3,508,552 04/28/1970 Hainault, M. 128 303 10/23/65 3,760,811 09/25/1973 Andrew, D.E. 128 351 01/22/71 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,346,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Brown, R.A. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 03/30/82 4,617,925 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/18/81 4,703,661 03/29/1988 Palestrant, A.M. 128 303 B 09/10/83 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/10/285 4,805,615 02/21/1989 Ullrich, G.J., et al. 128 303 B 07/10/285 4,805,615 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,895,891 09/11/1990 Carol, M.P. 128 303 B 07/10/285 4,998,938 03/12/1999 Carol, M.P. 128 303 B 07/10/285 4,998,938 03/12/1999 Carol, M.P. 606 130 10/22/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 09/20/90 5,007,181 00/07/1992 Ferrara, V.L. 128 303 B 09/20/90 5,007,181 00/07/1991 Wattn, R.J., et al. 606 130 09/20/90 5,007,181 00/07/1991 Ensminger, W.D., et al. 606 130 09/20/90 5,007,181 00/07/1992 Fersian, J.B., et al. 606 130 11/21/89 5,006,62 01/14/1992 Paul, K.S. 606 130 11/21/89 5,007,223 606/1992 Jewell, B., et al. 606 130 11/21/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/21/99 5,164,773 05/04/1993 Schlondorff, G., et al. 128 653.1 10/19/90 5,164,773 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90							
3,444,861 05/20/1969 Schulte, R.R. 128 350 03/15/66 3,508,552 04/28/1970 Hainault, M. 128 303 10/23/65 3,760,811 09/25/1973 Andrew, D.E. 128 351 01/23/671 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,346,052 06/07/1983 Sheldon, C.H., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 09/18/81 4,618,978 10/21/1986 Laitinen, L.V. 128 303 B 03/30/82 4,668,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,618,978 10/21/1986 Laitinen, L.V. 128 303 B 09/28/84 4,618,978 01/27/1987 Shelden, C.H., et al. 128 303 B 09/28/84 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/18/81 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Carol, M.P. 128 303 B 03/39/87 4,805,615 02/21/1989 Winter, A. 604 175 05/04/87 4,985,891 09/11/1990 Carol, M.P. 606 130 06/09/88 4,998,938 03/12/1991 Ghajar, J.B., et al. 128 653 R 11/10/87 4,998,938 03/22/1991 Bova, F.J., et al. 128 653 R 09/02/90 5,027,818 07/02/1991 Wattanabe, E., et al. 128 653 R 09/02/99 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 09/20/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 10/22/87 5,080,662 01/4/1992 Zwell, B., et al. 606 130 11/28/90 5,164,473 10/13/1992 Zwell, B., et al. 606 130 11/28/90 5,164,772 10/13/1992 Garol, M.P. 128 653.1 04/27/90 5,164,772 10/13/1993 Carol, M.P. 128 653.1 04/27/90 5,164,772 10/13/1993 Carol, M.P. 128 653.1 10/19/90 5,165,174 02/16/1993 Schlondorff, G., et al. 128 653.1 10/19/90 5,165,174 02/16/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/99				• •			
3,508,552 04/28/1970 Hainault, M. 128 303 10/23/65 3,760,811 09/25/1973 Andrew, D.E. 128 351 01/20/71 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.T. 128 303 B 02/29/80 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 303 B 02/29/80 4,386,602 06/07/1984 Bremer, P.W., et al. 128 303 B 09/18/81 4,463,758 08/07/1984 Bremer, P.W., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 09/18/81 4,617,925 10/21/1986 Brown, R.A. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 09/28/84 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.T. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.T. 128 303 B 12/17/84 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 04/27/87 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,805,634 03/07/1989 Ferrara, V.L. 128 303 B 03/19/07/285 4,805,634 03/07/1989 Winter, A. 604 175 05/04/87 4,996,938 03/12/1991 Allen, G.S. 128 653 R 11/10/87 4,996,938 03/12/1991 Allen, G.S. 128 653 R 11/10/87 4,996,938 03/12/1991 Bova, F.J., et al. 606 130 09/20/90 5,007,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,006,122 04/09/1991 Watanabe, E., et al. 128 653.00 R 05/18/89 5,007,818 07/02/1991 Bova, F.J., et al. 128 653.1 09/23/86 5,008,662 01/14/1992 Paul, K.S. 606 130 11/22/89 5,154,723 10/13/1992 Carol, M.P. 128 653.1 09/23/86 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/21/99 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,164,617 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,1668 05/04/1993 Adler, J.R. 128 6653.1 10/19/90 5,207,223 05/04/1993 Adler, J.R. 128 6653.1 10/19/90 5,207,223 05/04/1993 Adler, J.R. 128 6653.1 10/19/90							
3,760,811 09/25/1973 Andrew, D.E. 128 351 01/20/71 4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 41,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Perry, J.H. 128 630 04/13/79 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,617,925 10/21/1986 Laitinen, L.V. 128 303 B 12/20/82 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Valtrich, G.J., et al. 128 303 B 07/02/85 4,805,634 02/21/1989 Winter, A. 604 175 05/04/87 4,995,891 09/11/1990 Carol, M.P. 128 303 B 03/19/87 4,995,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,991,579 02/12/1991 Bova, F.J., et al. 128 653 R 09/20/90 5,027,818 07/02/1991 Wayatt, R.J., et al. 128 653 R 09/20/90 5,027,818 07/02/1991 Wayatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 128 788 02/21/1991 5,087,086,662 01/14/1992 Paul, K.S. 128 653.1 09/23/86 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/99 5,207,223 0							
4,230,117 10/28/1980 Anichkov, A.D. 128 303 B 10/25/78 4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,618,978 10/21/1986 Laitinen, L.V. 128 303 B 09/28/84 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 04/27/87 4,805,615 02/21/1989 Ullrich, G.J., et al. 128 303 B 04/27/87 4,805,634 02/21/1989 Winter, A. 604 175 05/04/87 4,805,634 02/21/1989 Winter, A. 604 175 05/04/87 4,805,634 02/21/1989 Winter, A. 604 175 05/04/87 4,991,579 02/12/1991 Glajar, J.B., et al. 128 653 R 11/10/87 4,991,579 02/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 128 653 R 09/04/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 11/27/89 5,080,662 01/14/1992 Ensminger, W.D., et al. 606 130 11/27/89 5,163,430 11/17/1992 Carol, M.P. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/28/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 09/23/86 5,164,723 10/13/1992 Kubota, T., et al. 606 130 11/28/90 5,164,723 10/13/1992 Kubota, T., et al. 606 130 11/28/90 5,164,723 10/13/1992 Kubota, T., et al. 606 130 11/28/90 5,166,80 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,166,80 05/04/1993 Schlondorff, G., et al. 128 653.1 10/19/99 5,207,223 05/04/1993 Schlondorff, G., et al. 606 130 10/31/91				•			
4,328,813 05/11/1982 Ray, C.D. 128 791 10/20/80 4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,618,978 10/21/1986 Laitinen, L.V. 128 303 B 09/28/84 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 09/10/80 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 128 653 R 11/10/87 4,998,938 03/12/1991 Bova, F.J., et al. 128 653 R 09/04/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 10/19/90 5,207,223 05/04/1993 Adler, J.R. 128 6653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91	_		*. *				
4,341,220 07/27/1982 Perry, J.H. 128 630 04/13/79 4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,386,602 06/07/1984 Sheldon, C.H., et al. 128 303 B 02/29/80 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1986 Brown, R.A. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 03/30/82 4,617,925 10/21/1986 Laitinen, L.V. 128 303 B 02/28/84 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/1989 Carol, M.P. 128 303 B 07/02/85 4,805,615 02/21/1989 Ullrich, G.J., et al. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,981,581 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Garol, M.P. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,163,430 11/17/1992 Carol, M.P. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,163,430 05/04/1993 Carol, M.P. 128 653.1 04/27/90 5,163,640 05/04/1993 Carol, M.P. 128 653.1 04/27/90 5,163,640 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,223 05/04/1993 Carol, M.P. 128 665 130 11/28/90 5,207,223 05/04/1993 Carol, M.P. 128 665 130 11/29/90		4,230,117					
4,350,159 09/21/1982 Gouda, K.I. 128 303 B 02/29/80 4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,617,925 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 12/17/84 4,805,615 02/21/1989 Carol, M.P. 128 303 B 04/27/87 4,805,615 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,805,634 02/21/1989 Winter, A. 604 175 05/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 11/28/90 5,080,662 01/14/1992 Paul, K.S. 606 130 11/28/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/28/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 09/23/86 5,080,662 01/14/1992 Robot, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Schlondorff, G., et al. 128 653.1 01/29/90 5,163,430 11/17/1992 Carol, M.P. 606 130 01/21/99 5,163,430 11/17/1992 Carol, M.P. 606 630 100 01/21/99 5,164,773 10/13/1992 Carol, M.P. 606 630 100 01/21/99 5,164,773 10/13/1992 Carol, M.P. 606 630 130 01/21/99 5,164,773 05/04/1993 Carol, M.P. 606 630 130 01/29/99 5,207,223 05/04/1993 Carol, M.P. 606 130 01/21/99 5,207,223 05/04/1993 Carol, M.P. 606 130 01/21/99			05/11/1982				
4,386,602 06/07/1983 Sheldon, C.H., et al. 128 4 05/17/77 4,463,758 08/07/1984 Patil, A.A., et al. 128 303 B 09/18/81 4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,617,925 10/21/1986 Laitinen, L.V. 128 303 B 09/28/84 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 12/17/84 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 12/17/84 4,805,615 02/21/1989 Carol, M.P. 128 303 B 04/27/87 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,995,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,995,891 09/11/1991 Carol, M.P. 606 130 10/22/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 128 653 R 11/10/87 4,998,938 03/12/1991 Bova, F.J., et al. 128 653 00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 00 R 05/18/89 5,055,084 10/15/1991 Ensminger, W.D., et al. 606 130 11/28/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 11/28/90 5,054,497 10/08/1991 Ensminger, W.D., et al. 606 130 11/28/90 5,054,497 10/18/1992 Ewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Carol, M.P. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/28/90 5,154,723 10/13/1992 Garol, M.P. 128 653.1 04/27/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,164,723 10/13/1993 Schlondorff, G., et al. 128 653.1 10/19/90 5,207,223 05/04/1993 Schlondorff, G., et al. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91	$-\!$	4,341,220					
4,463,758		4,350,159	09/21/1982	Gouda, K.I.	128	303 B	
4,475,550 10/09/1984 Bremer, P.W., et al. 128 303 B 03/30/82 4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,617,925 10/21/1986 Laitinen, L.V. 128 303 B 09/28/84 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 12/17/84 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 07/02/85 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Wyatt, R.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653.00 R 05/18/89 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,163,430 11/17/1992 Carol, M.P. 128 653.1 09/23/86 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,154,723 10/13/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,164,723 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,688 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/99		4,386,602	06/07/1983	Sheldon, C.H., et al.	128	4	
4,608,977 09/02/1986 Brown, R.A. 128 303 B 12/20/82 4,617,925 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,618,978 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 09/10/80 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 07/02/85 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,995,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 606 130 11/28/89 5,080,662 01/14/1992 Paul, K.S. 606 130 11/28/90 5,154,723 10/13/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,163,430 11/17/1992 Carol, M.P. 128 653.1 01/29/90 5,154,723 10/13/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 10/19/90 5,207,223 05/04/1993 Carol, M.P. 606 130 10/31/91		4,463,758	08/07/1984	Patil, A.A., et al.	128	303 B	09/18/81
4,617,925 10/21/1986 Laitinen, L.V. 128 303 B 09/28/84 4,618,978 10/21/1986 Cosman, E.R. 378 164 10/21/83 4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 12/17/84 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 04/27/87 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,809,694 03/07/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 606 130 11/27/89 5,154,723 10/13/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 11/28/90 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,163,430 11/17/1992 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,223 05/04/1993 Carol, M.P.		4,475,550	10/09/1984	Bremer, P.W., et al.	128	303 B	
4,618,978		4,608,977	09/02/1986	Brown, R.A.	128	303 B	12/20/82
4,638,798 01/27/1987 Shelden, C.H., et al. 128 303 B 09/10/80 4,706,665 11/17/1987 Gouda, K.I. 128 303 B 12/17/84 4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 04/27/87 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,995,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 606 130 09/20/90 5,050,608 09/24/1991 Watanabe, E., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Kapp, J.P., et al. 128 653.00 R 05/18/89 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,207,223 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91		4,617,925	10/21/1986	Laitinen, L.V.	128	303 B	09/28/84
4,706,665		4,618,978	10/21/1986	Cosman, E.R.	378	164	10/21/83
4,706,665		4,638,798	01/27/1987	Shelden, C.H., et al.	128	303 B	09/10/80
4,733,661 03/29/1988 Palestrant, A.M. 128 303 B 04/27/87 4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,207,223 05/04/1993 Schlondorfff, G., et al. 128 653.1 01/29/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90			11/17/1987	Gouda, K.I.	128	303 B	12/17/84
4,805,615 02/21/1989 Carol, M.P. 128 303 B 07/02/85 4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91			03/29/1988	Palestrant, A.M.	128	303 B	04/27/87
4,805,634 02/21/1989 Ullrich, G.J., et al. 128 748 06/04/87 4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,207,223 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91				Carol, M.P.	128	303 B	07/02/85
4,809,694 03/07/1989 Ferrara, V.L. 128 303 B 03/19/87 4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Kapp, J.P., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,207,223 05/04/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91						748	06/04/87
4,826,487 05/02/1989 Winter, A. 604 175 05/04/87 4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,207,223 05/04/1993 Schlondorfff, G., et al. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91					128	303 B	03/19/87
4,955,891 09/11/1990 Carol, M.P. 606 130 10/22/87 4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90							
4,991,579 02/12/1991 Allen, G.S. 128 653 R 11/10/87 4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Carol, M.P. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 128 653.1 10/19/90							
4,998,938 03/12/1991 Ghajar, J.B., et al. 606 130 06/09/88 5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,207,223 05/04/1993 Schlondorfff, G., et al. 128 653.1 01/29/90 5,207,268 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,006,122 04/09/1991 Wyatt, R.J., et al. 606 130 09/20/90 5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,027,818 07/02/1991 Bova, F.J., et al. 128 653.00 R 05/18/89 5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91				•			
5,050,608 09/24/1991 Watanabe, E., et al. 128 653 R 09/04/90 5,054,497 10/08/1991 Kapp, J.P., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91				· ·			
5,054,497 10/08/1991 Kapp, J.P., et al. 128 748 02/21/90 5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorfff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,057,084 10/15/1991 Ensminger, W.D., et al. 604 167 03/01/90 5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,078,140 01/07/1992 Kwoh, Y.S. 128 653.1 09/23/86 5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91		· · ·					
5,080,662 01/14/1992 Paul, K.S. 606 130 11/27/89 5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,116,345 05/26/1992 Jewell, B., et al. 606 130 11/28/90 5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,154,723 10/13/1992 Kubota, T., et al. 606 130 01/21/92 5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorfff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,163,430 11/17/1992 Carol, M.P. 128 653.1 04/27/90 5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,186,174 02/16/1993 Schlondorff, G., et al. 128 653.1 01/29/90 5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,207,223 05/04/1993 Adler, J.R. 128 653.1 10/19/90 5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91							
5,207,688 05/04/1993 Carol, M.P. 606 130 10/31/91	17						
	N /						
24/14 5,222,433 06/23/1333 ATTEN, G.S., et al. 120 653.1 03/26/32	Linil		,				
	JUNIU H	5,222,499	00/29/1993	Allen, G.S., et al.	120	033.1	03/20/32

Examiner

Date Considered

^{**}EXAMINER: Initial if citation considered, Mether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DIPE CO

Form 1449*

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.: 723.018US1

Serial No. 09/932-14

Applicant: Kari Parmer et al.

Filing Date: August 17, 2001

Group: 3732

Sheet 2 of 3

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS						
**Examiner Initial	Document Number	Date	Name	Class	Subclass	Off Appropriate
	,					-
hil	•					
DIV	_ 5,230,623	07/27/1993	Gutherie, B.L., et al.	433	72	12/10/91
<i>: 'V</i>	_ 5,246,448	09/21/1993	Chang, H.	606	130	05/15/92
	_ 5,257,998	11/02/1993	Ota, K., et al.	606	130	06/30/92
	_ 5,263,956	11/23/1993	Nobles, A.A.	606	130	03/04/92
	_ 5,269,305	12/14/1993	Corol, M.	128	653.1	07/15/92
	_ 5,279,309	01/18/1994	Taylor, R.H., et al.	128	782	07/27/92
	5,300,080	04/05/1994	Clayman, D., et al.	606	130	11/01/91
1	_ 5,361,763	11/08/1994	Kao, Y., et al.	128	653.2	03/02/93
	_ 5,383,454	01/24/1995	Bucholz, R.D.	128	653.1	07/02/92
	_ 5,387,220	02/07/1995	Pisharodi, M.	606	130	06/15/93
	_ 5,452,720	09/26/1995	Smith, D.O., et al.	128	653.1	08/09/93
	_ 5,464,446	11/07/1995	Dressen, C., et al.	607	116	10/12/93
	_ 5,474,564	12/12/1995	Clayman, D.A., et al.	606	130	04/01/94
	_ 5,483,961	01/16/1996	Kelly, P.J., et al.	128	653.1	08/29/94
	_ 5,494,034	02/27/1996	Schlondorff, G., et al.		653.1	06/15/94
	_ 5,517,990	05/21/1996	Kalfas, I.H., et al.	128	653.1	04/08/94
	_ 5,618,288	04/08/1997	Calvo, A.M.	606	130	01/22/96
	_ 5,622,170	04/22/1997	Schultz, W.A.	128	653.1	10/04/94
	_ 5,662,600	09/02/1997	Watson, D.A., et al.	604	8	09/29/95
	_ 5,695,501	12/09/1997	Carol, M., et al.	606	130	09/30/94
	_ 5,776,064	07/07/1998	Kalfas, I.H., et al.	600	414	05/20/96
	_ 5,843,150	12/01/1998	Dressen, C.W., et al.	607	116	10/08/97
	_ 5,851,183	12/22/1998	Bucholz, R.D.	600	425	10/16/95
	_ 5,871,445	02/16/1999	Bucholz, R.D.	600	407	09/07/95
	_ 5,873,822	02/23/1999	Ferre, M.R., et al.	600	407	04/24/96
	_ 5,891,034	04/06/1999	Bucholz, R.D.	600	426	06/07/95
	_ 5,891,051	04/06/1999	Day, J.L., et al.	606	130	04/26/96
\neg	_ 5,927,277	07/27/1999	Baudino, M.D., et al.	128	642	04/28/95
\neg	_ 5,984,930	11/16/1999	Maciunas, R., et al.	606	130	09/30/96
	_ 6,044,304	03/28/2000	Baudino, M.D.	607	116	04/29/98
	_ 6,071,288	06/06/2000	Carol, M., et al.	606	130	12/06/97
	_ 6,076,008	06/08/2000	Bucholz, R.D.	600	427	02/03/99
	_ 6,110,182	08/29/2000	Mowlai-Ashtiani, A.	606	130	06/22/99
	_ 6,110,162 _ 6,117,143	09/12/2000	Hynes, B., et al.	606	130	09/11/98
1 /	_ 6,117,143 _ 6,120,465	09/12/2000	Guthrie, B.L., et al.	600	587	04/24/97
<i>y</i>	_ 6,236,875	05/22/2001	Bucholz, R.D., et al.	600	407	10/05/95
LONI	_ 6,261,300	07/17/2001	Carol, M., et al.	606	130	04/20/00
UVV	_ 0,201,300	0//1//2001	Caror, M., et ar.	300	130	04/20/00
		FC	REIGN PATENT DOCUMENTS			
Examiner						Translation

		FO	REIGH PATERT DOCUMENT			
**Examiner						Translation
**Examiner Inipial	/ Document Number	Date	Country	Class	Subclass	Yes No
MANY	_ 0427358	05/15/1991	European	A61B	6/00	

Examiner

*Substitute Disclosure Statement Form (

Date Considered

6/25/0

^{**}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 3 of 3

Form 1449*

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)

Atty. Docket No.: 723.018US1

Filing Date: August 17, 2001

Serial No. 09/932,14

Applicant: Kari Parmer et al.

BOBBION	TO A DESCRIPTION OF THE	DOGER CENTER
KUKKIGN	PATENT	DOCUMENTS

n Inibésiment Number	Date	Country	Class	Subclass	Yes 00
0609085	08/03/1994	European	A61B	19/00	
88/09151	12/01/1988	PCT	A61B	19/00	
96/33766	10/31/1996	PCT	A61M	35/02	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Initial					
MI	Drake, J.M., et al., "ISG Viewing Wand System", <u>Neurosurgery, 34 (6)</u> , pp. 1094-1097, (June 1994)				
1	Dyer, P.V., et al., "The ISG Viewing Wand: an application to atlanto-axial cervical surgery using the Le Fort I maxillary osteotomy", <u>British Journal of Oral and Maxillofacial Surgery, 33</u> , pp. 370-374, (1995)				
	Leggett, W.B., et al., "Surgical Technology The Viewing Wand: A New System for Three-Dimensional Computed Tomography-Correlated Intraoperative Localization", <u>Current Surgery</u> , pp. 674-678, (Dec. 1991)				
	Malison, R.T., et al., "Computer-Assisted Coregistration of Multislice SPECT and MR Brain Images by Fixed External Fiducials", <u>Journal of Computer Assisted Tomography</u> , 17 (6), pp. 952-960, (1993)				
	Oliver, L., "Cup-And-Ball Chemopallidectomy Apparatus", p. 401, (1958)				
	Sandeman, D.S., et al., "Advances in image-directed neurosurgery: Preliminary experience with the ISG Viewing Wand compared with the Leksell G frame", <u>British Journal of Neurosurgery, 8</u> , pp. 529-544, (199)				
\checkmark	Yeh, H., et al., "Implantation of intracerebral depth electrodes for monitoring seizures using the Pelorus stereotactic system guided by magnetic resonance imaging", <u>J. Neurosurg., 78</u> , pp. 138-141, (1993)				
hal	Zinreich, S.J., et al., "Frameless Sterotaxic Integration of CT Imaging Data: Accuracy and Initial Applications", <u>Radiology</u> , <u>188 (3)</u> , pp. 735-742, (1993)				

Examiner Date Considered

[&]quot;EXAMINER: Initial if citation considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



COPY OF PAPERS ORIGINALLY FILED

Sheet 1 of 1

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.: 723.018US1

Serial No. 09/932,141

Applicant: Kari Parmer et al.

Filing Date: August 17, 2001

Group: 3732

U.S. PATENT DOCUMENTS

**Examiner Filing Date
Initial Document Number Date Name Class Subclass If Appropriate

FOREIGN PATENT DOCUMENTS

**Examiner	1/					Translation Yes No	
Initral	Document Number	Date	Country	Class	Subclass	Yes No	
11/40	2 0832611	04/01/1998	European	A61B	17/34		
/ <u> [5/11</u>	19726141	01/28/1999	Germany	A61B	17/56 -		
100019	97/42870	11/20/1997	PCT	A61B	5/03 🗘	7	
10014					(:	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

RECEIVED

MAR 5 - 2002

TECHNOLOGY CENTER R3700

Examiner

Substitute Disclosure Statement Form (PTO-1449)

|Date Considered

1/25/03

**EXAMINER: Initial if citation empidered, wither or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sub litute for fuffin 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 2

Complete if Known **Application Number** Filing Date First Named Inventor **Group Art Unit Examiner Name**

Attorney Docket No: 723.018US1

		US PA	ATENT DOCUMENT	S		75700
Examiner Initiat*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
PINIT	US-3,457,922	07/29/1969	Ray, Charles D.	128	303	12/13/1966
	US-4,040,427	08/09/1977	Winnie, Alon P.	128	348	04/01/1996
	US-4,345,606	08/24/1982	Littleford, P. O.	128	784	03/24/1980
	US-4,579,120	04/01/1986	MacGregor, David C.	128	784	03/24/1980
	US-4,598,708	07/08/1986	Beranek, William J.	128	303	09/17/1984
	US-4,699,616	10/13/1987	Nowak, George M., et al.	604	180	06/13/1986
	US-4,809,694	03/07/1989	Ferrara, Vincent L.	128	303B	05/19/1987
	US-4,883,053	11/28/1989	Simon, Morris .	128	303	04/17/1989
	US-4,998,938	03/12/1991	Jamshid B. G. Ghajar, , et al.	A61B	19/00	06/09/1988
	US-5,201,742	04/13/1993	Hasson, Harrith M.	606	130	04/16/1991
	US-5,279,575	01/18/1994	Sugarbaker, David J.	604	174	08/13/1992
	US-5,366,446	11/22/1994	Tal, Elisha A., et al.	604	110	11/17/1993
	US-5,380,302	01/10/1995	Orth, Michael J.	604	283	02/10/1993
	US-5,464,446	11/07/1995	Dressen, C., et al.	607	116	10/12/1993
	US-5,575,798	11/19/1996	Koutrouvelis, Panos G.	606	130	08/22/1995
	US-5,658,272	08/19/1997	Hasson, Harrith M.	606	1	02/21/1995
	US-5,667,514	09/16/1997	Heller, James	606	108	12/04/1995
	US-5,713,858	02/03/1998	Heruth, K. T., et al.	604		4/28/1995
	US-5,810,712	09/22/1998	Dunn, Mary E.	600	114	09/27/1996
	US-5,817,106	10/06/1998	Real, D. D.	606	130	05/16/1997
$\neg \vdash$	US-5,833,627	11/10/1998	Shmulewitz, A., et al.	600	562	07/12/1996
	US-5,980,535	11/09/1999	Barnett, G. H., et al.	606	130	09/23/1997
	US-5,993,463	11/30/1999	Truwit, C. L.	606	130	05/14/1998
1/	US-6,254,532	07/03/2001	Paolitto, A., et al.	600	201	05/21/1999
\overline{V}	/US-6,290,644	09/18/2001	Green, Harry L., et al.	600	235	05/04/1999
MANI	US-6,298,262	10/02/2001	Franck, J. I., et al.	600	426	05/01/1901

			FOREIGN PATEN	IT DOCUMENTS			
	Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²
Г	4111	DE-19808220	09/02/1999	Daum, Wolfgang	A61B	17/56	
1	i	DE-19820808	11/25/1999	Fleckenstein, W.	A61B	5/00	
Γ		DE-19826078	08/19/1999	Bracht, J.	A61B	5/03	
Γ		DE-29612100	09/12/1996		A61B	1/018	
Γ		DE-3108766	09/23/1982		A61B	5/00	
Γ	1	EP-0724865	08/07/1996	Schwember, R. F.	A61B	17/34	
	MY	EP-0904741 A2	03/31/1999	Stern, Benjamin , et al.	A61B	19/00	

EXAMINER

DATE CONSIDERED 6/25/03

PTO/SB/08A/10-01
Approved for use through 10/31/2002, OMB 651-003
US Patent A Trademak Office U.S. DEPARTMENT OF COMMERC

Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE 09/932141 **Application Number** STATEMENT BY APPLICANT August 17, 2001 Filing Date First Named Inventor Parmer, Kari **Group Art Unit** 3732 MAY 1 2 2003 **Examiner Name** Robert, Eduardo Attorney Docket No: 723.018US1 Sheet 2 of 2

	FOREIGN PATEN	IT DOCUMENTS			Q
Examiner Foreign Document No Initiats*	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²
GB-2329473	03/24/1999	Bertold, Knuttel	G01 R	33/28	
M/61/ WO-00/01316	01/13/2000	Franklin, Ronald J., et al.			
WO-97/03609	02/06/1997	Paltieli, Y.	A61B	8/00	

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/ / /		"Advances in image-directed neurosurgery: Prelimainary experience with the	
LAINV		ISG Viewing Wand compared with the Leksell G frame", British Journal of	
		Neurosurgery, 8, (199),529-544	
		"Frameless Sterotaxic Integration of CT Imaging Data: Accuracy and Initial	
1		Applications", Radiology, 188 (3), (1993),735-742	
		"Surgical Technology The Viewing Wand: A New System for Three-	
ı		Dimensional Comuted Tomography-Correlated Intraoperative Localization",	
- 1		Current Surgery, (Dec 1991),674-678	
		"The ISG Viewing Wand: an application to atlanto-axial cervical surgery using	
1/		the Le Fort I maxillary osteotomy", British Journal of Oral and Maxillofacial	
\vee		Surgery, 33, (1995),370-374	
1 /		"Fathom Remote Introducer", Image-Guided Neurologics, Inc., CNS Hynes	
hill		Convention Center,(Oct 30-Nov 4, 1999),2 p.	

EXAMINER THE CONSIDERED 6/25/03